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JC978 U.S. PTO
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Box PATENT APPLICATION
Commissioner for Patents and Trademarks
Washington, DC 20231

New U.S. Patent Application
Title: A BACK-PROPAGATION NEURAL NETWORK
WITH ENHANCED NEURON CHARACTERISTICS
Inventors: Bing-Xue Shi, Chun Lu and Lei Chen

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 24 pages, including 3 independent claims and 25 claims total.
2. Drawings- 9 sheets of drawings (Figures 1-7B).
3. The filing fee is calculated as follows:

Basic Application Filing Fee					\$740	\$ 740.00
	Number of Claims		Basic	Extra Claims		
Total Claims	25	-	20	5	x \$18	90.00
Independent Claims	3	-	3	-0-	x \$84	-0-
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$280	-0-
Subtotal						\$ 830.00
Reduction by 1/2 if small entity						- -0-
TOTAL APPLICATION FILING FEE						\$ 830.00

4. A check for \$830.00 is enclosed. The fee includes:

\$740.00 filing fee; and
\$90.00 additional claims fee.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicant(s) await notification from the Patent and Trademark Office of the time set for
filing the Declaration.

Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional fees due and
any other fees under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application
to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 

William B. Dyer III
Reg. No. 41,725

WBD/DKS/sg
Enclosures